

Northeast Texas Community College &
Texas A&M University – Texarkana
2019-2020 Guided Pathways

Associate of Arts in Psychology to
Bachelor of Arts in Psychology

NTCC		A&M-TEXARKANA	
COURSES	HOURS	COURSES	HOURS
ENGL 1301	3	PSYC 2317	3
SPCH 1315 (or) SPCH 1321	3	PSY 316	3
MATH 1314	3	PSY 317	3
BIOL 2401	4	PSY 402	3
BIOL 2402	4	PSY 403	3
PHIL 2306*	3	PSY 426	3
ARTS 1301*	3	PSY 350 (or) PSY 466	3
HIST 1301	3	PSY 455 (or) PSY 456	3
HIST 1302	3	MINOR (UD)	18
GOVT 2305	3	Psychology Electives (UD)	9
GOVT 2306	3	Foreign Language Requirement (UD)	6
PSYC 2301	3	LD (or) UD Electives (To Meet 120 Hours)	3
ENGL 1302	3		
CAO B*	3		
PSYC 2314	3		
PSYC 2319	3		
SPAN 1411	4		
PHED 1238	2		
SPAN 1412	4		
TOTAL	60	TOTAL	120

*Other Courses may Apply. See NTCC Degree Plan for Options

LD = Lower Division

UD = Upper Division

54 Upper Division (UD) Hours Required for the BA Degree

30 Hours of Residency Required

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MINORS

A minor requires a minimum of 18 SCH in a discipline, with the exception of the interdisciplinary studies minor that requires hours from more than one discipline.

Biology

Code	Title	Hours
BIOL 1306	Biology for Science Majors I	3
BIOL 1106	Biology for Science Majors I Lab	1
BIOL 1307	Biology for Science Majors II	3
BIOL 466	Evolutionary Biology	3
9 SCH UD Biology Electives		9
Total Hours		19

Biotechnology

Code	Title	Hours
BTEC 1340	Quality Assurance and Quality Control in Biotechnology	3
BTEC 2431 (or) BTEC 2441	Cell Culture Techniques Basic Molecular Biology Techniques	4
BTEC 310	Biotechnology Research Methods and Applications	4
BTEC 490	Advanced Biotechnology	4
Select 1 of the following:		4
BTEC 411	Protein Purification and Analysis	
BTEC 440	Advanced Bioinformatics	
BTEC 473	Fundamentals of DNA Forensics	
Total Hours		19

Chemistry

Code	Title	Hours
CHEM 1311	General Chemistry I	3
CHEM 1111	General Chemistry I (Lab)	1
CHEM 1312	General Chemistry II	3
CHEM 1112	General Chemistry II (Lab)	1
CHEM 2423	Organic Chemistry I	4
CHEM 2425	Organic Chemistry II	4
CHEM 410	Biochemistry I	4
Total Hours		20

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Communication

Code	Title	Hours
COMM 1311	Introduction to Communication Studies	3
COMM 1318	Interpersonal Communication	3
COMM 2335 (or) ENGL 2335	Argumentation and Advocacy	3
COMM 320	Communication in Organizations	3
COMM 325 (or) ENG 325	Persuasive Communication	3
MCOM 350 (or) COMM 350	Mass Communication Research Methods	3
Total Hours		18

Criminal Justice

Code	Title	Hours
Select at least 3 SCH from each of the following areas:		9
Area I		
CJ 320	Deviance and Deviant Behavior	3
CJ 325	Crime and Delinquency	3
CJ 480	Criminological Theories	3
Area II		
CJ 315	Law and Society	3
CJ 340	Criminal Law and Procedure	3
CJ 430	Constitutional Issues: Rights of Accused and Convicted Offenders	3
CJ 485	Seminar in Criminal Justice	3
Area III		
CJ 310	The Juvenile Justice System	3
CJ 330	Institutional Corrections, Theory, and Practice	3
CJ 360	Probation, Parole, and Community Corrections	3
CJ 380	Ethnic and Cultural Diversity in America	3
3 courses in upper division Criminal Justice		9
Total Hours		18

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Drama

Code	Title	Hours
DRAM 1310	Introduction to Theatre	3
DRAM 1351	Acting I	3
DRAM 310	Myths, Mysteries, and Murders	3
DRAM 311	Manners, Modernity, and Masochism	3
DRAM 335	Playwriting I	3
DRAM 450	Studies in Genre (Drama)	3
Total Hours		18

English

Code	Title	Hours
ENGL 2360	Introduction to Literary Studies	3
DRAM 1310	Introduction to Theatre	3
MCOM 2370 (or) WGSS 1301	Introduction to American Film History Introduction to Women's, Gender, and Sexuality Studies	3
9 SCH Upper Division English		9
Total Hours		18

Environmental Science

Code	Title	Hours
BIOL 2406	Environmental Biology	3
BIOL 307	General Ecology	3
BIOL 450	Limnology	4
BIOL 420	Global Change (EL)	3
CHEM 405	Environmental Chemistry	3
Select one of the following:		3
BIOL 421	Endangered Ecosystems	
BIOL 422	Atmosphere and Biosphere	
BIOL 330	Introduction to Geographic Information Systems	
Total Hours		19

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Gender Studies

Code	Title	Hours
18 SCH from the following:		
CJ 350	Types of Crime	
ENG 430	Studies in Women's Literature	
HIST 416	Sex, Swords, & Sorcery: The Medieval World in Anglo-American Film	
HIST 419	American Social and Intellectual History	
HONR 345	Advanced Academic Argument Seminar/Continental Philosophy	
PSCI 305	Introduction to Political Ideologies	
PSCI 410	American Political Theory	
PSCI 426	Civil Rights and Civil Liberties	
PSCI 450	Politics and Gender	
PSY 320	Psychology of Interpersonal Interaction	
PSY 445	Human Sexual Behavior	
SOCI 2301	Marriage and Family	
Total Hours		18

History

Code	Title	Hours
HIST 1301	United States History I	3
HIST 1302	United States History II	3
Upper-division History Electives		12
Total Hours		18

Humanities

Code	Title	Hours
HUMA 1301	Introduction to the Humanities I	3
ARTS 1304	Art History II	3
ARTS 1316 (or) MCOM 1318	Drawing I Digital Photography I	3
MCOM 301		3
HUMA 497	Special Topics in the Humanities	3
ART 415 (or) ART 420	Impressionism and Post-Impressionism Art European Art History	3
Total Hours		18

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Interdisciplinary Studies

Code	Title	Hours
Lower-division courses outside of major		9
Upper-division courses outside of major		9
Total Hours		18

International Studies

Code	Title	Hours
College-level Foreign Language		6
Select 12 SCH from the following:		12
ENG 450	Studies in Genre	
ENG 472	Advanced British Literature	
HIST 451	Modern Latin America	
HIST 454	The Culture and History of Mexico	
HIST 352	Europe, 1920 to the Present	
HIST 470	Twentieth Century Asia	
PSCI 340	Introduction to Comparative Politics	
PSCI 350	Introduction to International Relations	
PSCI 442	Disputes in International Relations	
SOC 385	Globalization and Social Change	
SOC 485	Religion and Society	
Total Hours		18

Kinesiology

Code	Title	Hours
BIOL 2401	Human Anatomy and Physiology I	4
BIOL 2402	Human Anatomy and Physiology II	4
Choose 4 courses from the following:		12
KINE 331	Motor Development	
KINE 334	Test and Measurement in Kinesiology	
KINE 343	Exercise Physiology	
KINE 1354	Concepts of Physical Activity	
KINE 432	Kinesiology and Biomechanics	
KINE 436	Motor Skills for Special Populations	
KINE 443	Exercise Testing and Prescription	
Total Hours		20

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Leadership

Code	Title	Hours
LEAD 305	Introduction to Leadership: Concepts and Practices	3
LEAD 310	Leadership Theory and Practice	3
LEAD 400	Leadership and Gender Issues	3
LEAD 415	Organization Development and Change	3
LEAD 420	Community Leadership	3
Leadership Elective		3
Total Hours		18

Mass Communication

Code	Title	Hours
MCOM 1307	Introduction to Mass Communication	3
Sophomore Level Mass Communication Course		3
Select one of the following:		3
MCOM 305	Media Law and Ethics	
MCOM 300	Mass Communication Theory	
MCOM 350	Mass Communication Research Methods	
Upper Division Mass Communication elective courses		6
Mass Communication Elective (upper Division or lower Division)		3
Total Hours		18

Political Science

Code	Title	Hours
PSCI 2301	American Government I: Federal & Texas Constitutions	3
PSCI 2302	American Government II: Federal & Texas Political Behavior	3
Upper Division Political Science Elective		12
Total Hours		18

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Pre-Health (available for Biology Majors only)

Code	Title	Hours
MATH 1342	Elementary Statistical Methods	3
BIOL 2401	Human Anatomy and Physiology I	4
BIOL 2402	Human Anatomy and Physiology II	4
BIOL 311	General Microbiology	4
Select 1 of the following courses:		3-4
BIOL 332	Molecular Pharmacology and Toxicology	
BIOL 335	Medical Terminology	
BIOL 445	Virology	
BIOL 446	Survey of Human Disease and Pathophysiology	
CHEM 410	Biochemistry I	
Total Hours		18-19

Psychology

Code	Title	Hours
PSYC 2301	General Psychology	3
PSYC 2314	Lifespan Growth and Development	3
PSY 316	Abnormal Psychology	3
PSY 317 (or) PSY 350	Psychology of Personality Learning and Behavior	3
PSY 426	Introduction to Clinical and Counseling Psychology	3
Psychology Elective		3
Total Hours		18

Social Studies

Code	Title	Hours
ECON 2301	Principles of Macroeconomics	3
GEOG 1303	World Regional Geography	3
GEOG 413	Cultural Geography	3
PSCI 2301	American Government I: Federal & Texas Constitutions	3
PSCI 340 (or) PSCI 350	Introduction to Comparative Politics Introduction to International Relations	3
PSCI 427 (or) PSCI 428	Public Law (EL) Intergovernmental Politics	3
Total Hours		18

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Social Work

Code	Title	Hours
SOCI 2350	Introduction to Social Work	3
SOCW 360	Working with Diverse Populations	3
SOCW 365	Social Work Practice with Individuals and Families	3
SOCW 370	Social Welfare Policy	3
SOC 495	Sociology Internship	3
3 SCH Upper Division Elective		3
Total Hours		18

Sociology

Code	Title	Hours
SOCI 1301	Introduction to Sociology	3
SOC 320	Deviance and Deviant Behavior	3
SOC 323	Social Stratification	3
SOC 380	Ethnic and Cultural Diversity in America	3
SOC 485	Religion and Society	3
Upper-division approved Sociology elective		3
Total Hours		18

Spanish

Code	Title	Hours
Required Lower Division Language Courses		
SPAN 1311	Beginning Spanish I	3
SPAN 1312	Beginning Spanish II	3
SPAN 2311	Intermediate Spanish I	3
SPAN 2312	Intermediate Spanish II	3
Required Upper Division Language Courses		
SPAN 303 (or) SPAN 497	Spanish Composition and Conversation Special Topics	3
Interdisciplinary Course Requirements		
Select one of the following:		3
HIST 450	Latin America-The Colonial Era	
HIST 451	Modern Latin America	
HIST 454	The Culture and History of Mexico	
Total Hours		18

The minor advisor may approve the substitution of other courses which have the Latin America as their primary focus.

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Prior to enrolling in Spanish courses, students must complete the following:

- Pass a Spanish Proficiency Exam at a level of 300
- Complete an oral interview with the Spanish instructor
- Receive permission from the Spanish instructor to enroll in course

Women's Gender and Sexuality Studies

Code	Title	Hours
WGSS 1301	Introduction to Women's Gender, and Sexuality Studies	3
WGSS 497		3
12 Credits from the following:		12
CJ 350	Types of Crime	
ENG 430	Studies in Women's Literature	
HIST 416	Sex, Swords, & Sorcery: The Medieval World in Anglo-American Film	
HIST 419	American Social and Intellectual History	
HONR 345	Advanced Academic Argument Seminar/Continental Philosophy	
PSCI 305	Introduction To Political Ideologies	
PSCI 410	American Political Theory	
PSCI 426	Civil Rights and Civil Liberties	
PSCI 450	Politics and Gender	
PSY 320	Psychology of Interpersonal Interaction	
PSY 445	Human Sexual Behavior	
SOCI 2301	Marriage and Family	
Total Hours		18

Writing Studies

Code	Title	Hours
ENGL 2340	Writing Across the Curriculum	3
ENGL 2351	Introduction to Creative Writing	3
MCOM 2310		3
Select 3 of the following courses:		9
ENG 340	Advanced Expository Writing (EL)	
ENG 345	Advanced Composition for Educators	
ENG 350	Technical Writing (EL)	
ENG 424	History and Grammar of the English Language	
ENG 497	Special Topics	
MCOM 410	Feature Writing	
MCOM 415		
Total Hours		18

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Texas A&M University – Texarkana
Course Descriptions

PSYC 2301. General Psychology. 3 Hours. In this course students will be introduced to fields of study such as cognitive psychology, developmental psychology, abnormal psychology and clinical psychology. This course will also discuss the basic principles of learning, memory and motivation, as well as the classic theories that psychology is rooted upon.

PSYC 2308. Child Psychology. 3 Hours. This course acquaints students with the basic principles and major issues influencing human development specific to infants and children. Theories and methods used to understand development will be discussed. Attention will be given to the social issues that affect our view of children and families, and special attention will be paid to the application of theories, methods and principles to working with children in the role of parent, care giver and teacher. This course will provide meaningful scientific information in understanding child development and in providing practical principles for working with children. Prerequisite: [PSYC 2301](#).

PSYC 2314. Lifespan Growth and Development. 3 Hours. This course presents the growth and developmental stages of prenatal, birth, childhood, adolescence, young and middle adulthood, old age and death. It focuses on biological/genetic and environmental influences on cognitive, physical, and socioemotional/psychological development. Prerequisite: [PSYC 2301](#).

PSYC 2317. Statistical Methods in Psychology. 3 Hours. This course will discuss the concepts and statistical procedures of data analysis used in the behavioral sciences. In the course students will learn ways to describe data (descriptive statistics) and methods of evaluating hypotheses and testing psychological theories (inferential statistics) using examples from the psychological literature. Specific topics will include t-test, ANOVA, correlation, regression and non-parametric tests. Prerequisite: [MATH 1314](#).

PSYC 289. Independent Study. 1-4 Hours. This course is individualized instruction/research at lower undergraduate level in a specialized content area under the direction of a faculty member. Prerequisite: Consent of faculty, coordinator, or department chair.

PSY 301. Careers in Psychology. 3 Hours. Introduces students to the world of psychology beyond the classroom. Students meet guest speakers who have completed a degree in psychology and who are currently employed in various occupations. Additionally, students learn interview skills, how to write a resume, and how to apply to graduate school. Prerequisite: [PSYC 2301](#) or consent of instructor.

PSY 314. Social Psychology. 3 Hours. This course surveys important methods, findings, and theories in the study of social influences on behavior and emphasizes different perspectives on the relation between individuals and society.

PSY 316. Abnormal Psychology. 3 Hours. This course surveys the various types of abnormal behavior including adjustment disorders, personality disorders, schizophrenic disorders, anxiety disorders, and organic brain disorders. It also examines the origins and treatments of abnormal behavior as well as the various classifications schemas. Prerequisite: [PSYC 2301](#).

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PSY 317. Psychology of Personality. 3 Hours. This course reviews the various approaches to the study of personality and considers the determinants, development, and assessment of personality. Prerequisite: [PSYC 2301](#).

PSY 320. Psychology of Interpersonal Interaction. 3 Hours. The course examines the processes of social interaction, using the perspective of psychological theory and research. Topics include the growth of relationships, love, social exchange, impression management, communication, jealousy, loneliness, and games people play. Techniques for improving interactions are considered. Prerequisite: Junior standing. (NOTE: This course replaces IS 320.).

PSY 325. Sport Psychology. 3 Hours. This course will provide students with an overview of the theories and research related to sport and exercise behavior. Topics to be covered include the history of sport psychology, behavioral principles, anxiety, motivation, leadership, group dynamics, gender, and personality. This course will also be designed to relate these principles to exercise and sport performance. Prerequisite: [PSYC 2301](#).

PSY 350. Learning and Behavior. 3 Hours. This course presents basic information about various types of learning and describes general theoretical and practical approaches to understanding and improving learning and behavioral processes. Prerequisite: [PSYC 2301](#).

PSY 400. Internship (EL). 3 Hours. This class provides field experience in psychology within local agencies and facilities with on-site supervision together with classroom activities. The internship is structured to provide students with exposure to workplace settings where persons with baccalaureate degrees in psychology are employed. Sites include in-patient and out-patient mental health and mental retardation facilities, correctional facilities, and human service organizations. It is offered Fall and Spring semesters. Note: Students may apply for Internship during the semester prior to when they intend taking the course. Student workload will be evaluated with regard to maximum course load concurrent with Internship. May be taken twice for a total of 6 SCH. Preference will be given to first semester applicants. This course integrates the principles of Experiential Learning (EL) and meets the criteria for internships. Prerequisite: Senior standing and approval of instructor. Course is graded on Satisfactory (S) or Unsatisfactory (U) basis.

PSY 402. Experimental Psychology (EL). 3 Hours. This course familiarizes the student with typical methods and techniques employed in psychological research. Students will perform psychophysical and other psychological experiments. This course integrates the principles of Experiential Learning and meets criteria for undergraduate research. Prerequisite: [PSYC 2301](#) and [PSYC 2317](#).

PSY 403. History of Psychology. 3 Hours. History of Psychology introduces the major schools and systems of psychology as they have evolved and exist today. Prerequisite: [PSYC 2301](#) and junior standing.

PSY 404. Industrial Psychology. 3 Hours. [PSY 404](#) examines the person in industrial/organizational system processes including recruitment, selection, promotion, training, performance appraisal, job satisfaction, work motivation, leadership, communication, job design, union/management relations, work conditions, human factors, and workplace ergonomics. Prerequisite: Junior standing.

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PSY 406. Environmental Psychology. 3 Hours. This course analyzes various aspects of the natural and built physical settings on human functioning and socialization. Prerequisite: [PSYC 2301](#).

PSY 426. Introduction to Clinical and Counseling Psychology. 3 Hours. This class reviews clinical and counseling psychology, its history, perspective, conceptual framework, and treatment modalities. Prerequisite: [PSYC 2301](#).

PSY 440. Psychology of Addiction. 3 Hours. This course studies the prominent theories of addiction and surveys the research literature related to the psychological aspects of addiction. Included is a description of commonly abused legal and illegal substances and a discussion of the difference between substance abuse and dependence. Consideration is given to prominent forms of intervention and treatment.

PSY 443. Psychology of Death and Dying. 3 Hours. Students study the processes of dying and the influence of the threat of death on human behavior. Prerequisite: [PSYC 2301](#).

PSY 445. Human Sexual Behavior. 3 Hours. This class examines biological capabilities, psychological characteristics and social and cultural influences on human sexual behavior. (Cross listed with [PSY 545](#).)

PSY 455. Brain and Behavior. 3 Hours. Brain and Behavior examines the structure and functioning of the brain and of its many components down to the level of individual neurons. It looks at the development of the brain and the effects of drugs, disease, and injury. It provides an introduction to the processing of sensory information and control of movement by the brain. Prerequisite: [PSYC 2301](#) and 6 SCH from the following: 3 SCH of which must be in biology ([BIOL 1306](#) or [BIOL 1307](#) or [BIOL 1308](#) or [BIOL 1309](#) or [BIOL 2401](#) or [BIOL 2402](#)) and 3 SCH in ([BIOL 1306](#) or [BIOL 1307](#) or [BIOL 1308](#) or [BIOL 1309](#) or [BIOL 2401](#) or [BIOL 2402](#) or [CHEM 1307](#) or [CHEM 1311](#) or [CHEM 1312](#) or [PHYS 1301](#) or [PHYS 1302](#) or [PHYS 1315](#) or [PHYS 1415](#) or [PHYS 1417](#) or [PHYS 2125](#) or [PHYS 2126](#) or [PHYS 2325](#) or [PHYS 2326](#)).

PSY 456. Sensation and Perception. 3 Hours. This course explores how individuals perceive their surroundings by various sensory modalities and signal processing capabilities of the brain. Prerequisite: [PSYC 2301](#) and 6 SCH from the following: 3 SCH of which must be in biology ([BIOL 1306](#) or [BIOL 1307](#) or [BIOL 1308](#) or [BIOL 1309](#) or [BIOL 2401](#) or [BIOL 2402](#)) and 3 SCH in ([BIOL 1306](#) or [BIOL 1307](#) or [BIOL 1308](#) or [BIOL 1309](#) or [BIOL 2401](#) or [BIOL 2402](#) or [CHEM 1307](#) or [CHEM 1311](#) or [CHEM 1312](#) or [PHYS 1301](#) or [PHYS 1302](#) or [PHYS 1315](#) or [PHYS 1415](#) or [PHYS 1417](#) or [PHYS 2125](#) or [PHYS 2126](#) or [PHYS 2325](#) or [PHYS 2326](#)).

PSY 465. Psychology of Aging. 3 Hours. This course studies the theoretical and research literature related to the psychological aspects of aging. Consideration is given to changes in physical, perceptual, and cognitive processes as they affect vocational, social, and personal adjustment.

PSY 466. Cognitive Psychology. 3 Hours. The student examines the study of thinking behaviors in humans and other higher animals including perception, categorization, reflection, self-awareness, communication, language, creativity, and other related topics. Prerequisite: [PSYC 2301](#).

PSY 470. Psychology of Behavior Disorders. 3 Hours. This class prepares students to diagnose psychological disorders using the current diagnostic manual. Videotape cases will be used to illustrate the various types of disorders. Attention will also be given to gathering relevant information from the

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clinical interview, psychometrics, and other sources to assist in the diagnostic process. Prerequisite: Admission to the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 471. Psychological Theories of Learning. 3 Hours. This course surveys the various theories of learning from classical and operant conditioning to cognitive developmental models and information processing. This course emphasizes application of appropriate theories to real life situations. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 472. Behavior Modification. 3 Hours. Examines the principles and techniques of behavior modification as it is applied to clinical, industrial and self-modification programs. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 473. Advanced Psychological Statistics. 3 Hours. This applied course is designed to foster students' understanding of the relationship between research methodology and statistical analysis. Students will learn how to determine which statistic is appropriate given the particular research design and will apply their knowledge of psychological statistics by analyzing and interpreting sets of data. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 474. Research Literature and Techniques. 3 Hours. Students will review and research studies produced by investigators in student's major field with emphasis on investigative and verification techniques employed. Demonstrate competence in using systematic research techniques by investigation and formal reporting of a problem. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 475. Advanced Cognitive Psychology. 3 Hours. Students will synthesize and analyze classic and contemporary readings in the cognitive sciences and apply their acquired knowledge of the subject to a variety of activities designed to provide firsthand experience in the field of cognitive psychology. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 476. Advanced Physiological Psychology. 3 Hours. This course examines the relationship between the brain and behavior. Students will study the anatomy of the central nervous system at a macroscopic and microscopic level, as well as the processes by which the nervous system interacts with the environment. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 477. Human Growth and Development. 3 Hours. This course examines physical, cognitive and psychosexual development across the human life span. Emphasis is given to the complex process that grows out of the interactions between a changing person and a changing world that continues throughout the entire life span. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 478. Advanced Social Psychology. 3 Hours. This course will examine the social influences on human behavior by reviewing current and historically relevant psychological research. Prerequisite: [PSYC 2301](#), and Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 480. Advanced Personality Theories. 3 Hours. This course will survey both classic and current topics in advanced personality psychology with an emphasis on application to both observational and

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experimental research in the field. Students will participate in a class project to write a research proposal and have the opportunity to participate in completing the project and presenting at a professional conference. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 481. Clinical Assessment. 3 Hours. Provides students with historical perspective concerning the nature and meaning of assessment. Addresses basic concepts of standardized and non-standardized methods of clinical assessment- for a variety of clinical settings. Addresses statistical concepts and psychometric concepts of reliability and validity. The student will learn how the Mental Status Exam, Clinical Interview and assessments used in clinical settings and how to perform these and complete to report writing. The student will learn how to evaluate testing instruments. Issues of diversity and ethical strategies for selecting, administering and interpreting assessment and evaluation instruments is addressed. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 482. Ethics in Counseling and Psychology. 3 Hours. Explores the range of ethical issues that professionals may encounter within the field of counseling and psychology. Through lecture, discussion, reading, and role-plays, students will explore such issues as ethical codes and ethical decision-making, boundaries of competence, confidentiality, dual relationships, insurance/third party payments, advertising, assessment, teaching, therapy and research. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 483. Psychopharmacology for Counselors. 3 Hours. This course is a basic introduction to psychopharmacology non-medical counselors. Basic neuropsychological principles will be discussed and applied to relevant diagnostic groups involving various classes of psychopharmacological medications. The course will help counselors to understand client issues that pertain to psychopharmacology. It will equip the counselor-in-training to better understand psychopharmacology and to interact with medical personnel who prescribe psychotherapeutic medications. This training will allow counselors to understand how medications are used and how the application of various psychopharmacological medications can affect the counseling process. Prerequisite: Admission into the Undergraduate Scholars Early Start Psychology Master's Program.

PSY 489. Individual Study. 3 Hours. This course provides individual instruction. Students may repeat the course when topics vary.

PSY 490. Undergraduate Research Practicum. 1-3 Hours. Students will conduct faculty-supervised research. The scope and nature of the work will be determined by the faculty sponsor and the student. Prerequisite: Sophomore standing, faculty sponsor approval, [PSYC 2301](#), and [PSYC 2317](#).

PSY 497. Special Topics. 3 Hours. Instructors will provide an organized class designed to cover areas of specific interest. Students may repeat the course when topics vary.

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